



Information Technology Individual Graduation Plan



NETWORK SYSTEMS AND INFORMATION AND SUPPORT SERVICES*



This career cluster plan of study is a source of information as you develop your own personal learning plan. This plan meets all Idaho high school graduation requirements as well as entrance requirements for Idaho postsecondary institutions within the IT Career Cluster.

Coursework					
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts <i>(9 credits)</i>	English 1A&1B	English 2A&2B	English 3A&3B	English 4A&4B Speech	APPACAD 111 Applied Communications APPACAD 221 Technical Report Writing
Mathematics <i>(6 credits)</i>	Algebra I A& IB OR Algebra II A&B OR Geometry A&B	Algebra II A&B OR Geometry A&B OR Pre-Calculus A&B	Algebra II A&B OR Pre-Calculus A&B OR Calculus IA & IB	Business and Consumer Math OR Calculus IA & IB OR Calculus IIA&IIB	APPACAD 139 Technical Math
Science <i>(6 credits)</i> <i>(1 credit Health)</i>	Earth Science	Biology Health	Physics AND Chemistry(Elective)	Chemistry(Elective)	
Social Studies <i>(5 credits)</i>		US History Comprehensive A&B	American Government A&B	<i>Consumer Economics & Seminar</i>	
Idaho Professional-Technical Education/Other Classes	<i>TI0550Tech Tools</i> <i>TI0550 Computing and Internet Core</i> <i>OT 0100 School to Work</i>	TI 0555 Principles of Web Design OR <i>TI 0551 Comp Support/A+/Hlpdsk</i> <i>TI 0501 Electronics Level I</i> <i>OT0100 Includes Career Explor and Employ Prep</i>	<i>TI 0551 Net-A+</i> TI 0600 Net-Net+ TI 604 Net-Desktop support TI 607Net-Server OS <i>TI0501, TI502 Electronics Level I, Electronics Level II</i> <i>OT0100 Includes Career Explor and Employ Prep</i>	TI 0609 Net-Applications Management TI 0611 Net-Projects in IT <i>OT0100 Includes Career Explor and Employ Prep</i> TI9855 Occ & Career Experience for IST OT0110, OT0120, OT0130, OT0140 Work-based Learning Experience I, II, III, IV	INTEC110 Intro to PC Hrdwre INTEC114 Network fundamentals INTEC118 Workstation OS INTEC121 Server OS
Additional Requirements	Spanish 1A&2B Fitness Tutorial Citizenship & Professionalism	Spanish 2A&2B Citizenship & Professionalism	Spanish 3A&3B OR World Perspectives & Business and Human Relations Citizenship & Professionalism	Senior Project Citizenship & Professionalism	BUSTECH 161 Intro to Microcomputers OR CISA 102 Introduction to IT Fundamentals OR BI 170 Intro to Computers
Extended Learning					
School-Based	SkillsUSA Service Learning Projects				
Community-Based	Computers for Kids One Laptop per Child Program Short-term Business Projects	At least 5 hours of community service required each year At least 2 Industry Field Trips Part-Time Employment			Volunteer Industry Job Shadow

Italic lettering indicates class competencies are met through more than one class at MTCHS.

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■ Technical Coursework

This does not include all classes required for certificates or degrees. See college web sites for more information and coursework is subject to change.

Major	Year 13	Year 14	Year 15	Year 16	Occupations Relating to This Pathway
<i>Option 1: Associate Degree Computer Service Technology Boise State- Larry Selland COIT</i>	INTEC110 Intro to PC Hrdwre* INTEC114 Network Fundmntls* INTEC118 Workstation OS* INTEC121 Server OS*	(coming out)			Account Manager Call Center Support Communications Analyst Customer Service Data Communications Analyst Field Technician Help Desk Specialist Information Systems Administrator Information Systems Operator Information Systems Architect Information Technology Engineer Maintenance Technician
<i>Option 2: Associate Degree- Computer Network Technology Larry Selland COIT</i>					Network Administrator Network Architect Network Engineer Network Manager Network Operations Analyst Network Security Analyst Network Specialist Network Technician Network Transport Administrator PC Support Specialist PC Systems Coordinator Product Support Engineer Support Engineer Systems Administrator Systems Engineer Systems Support Leader Technical Communicator Technical Support Specialist Telecommunications Network Technician User Support Specialist
Option 3 Bachelor Degree in Information Technology Management-Network Management Emphasis Boise State University	ITM 104, 105, 106 Spreadsheet, Database, Word Processing, OS OR Exam* ITM 225 Introduction to Programming ITM305IT and Network Essentials	ITM 310 Business Intelligence ITM 315 Database Systems ITM 320 Systems Planning and Analysis ITM 325 Web Application Development	See College Website	See College Website	

*Classes available as Dual Credit or Tech Prep at Meridian Technical Charter High School